



RULE 63 (37 CFR § 1.63)
DECLARATION FOR PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled "PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE AND N-ACETYL GLUCOSAMINE", the specification of which was prepared and filed on July 1, 2003, receiving Serial No. 10/612,779, and further identified as Attorney File No. 3161-18-2.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability in accordance with 37 CFR 1.56(a) and (b) as set forth on the attached sheet indicated Page 3 hereof and which I have read.

I hereby claim priority benefits under 35 U.S.C. 119(e) of any provisional application(s) for patent listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information material to patentability in accordance with 37 CFR 1.56(a) and (b) which occurred between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status</u>
60/383,348	July 1, 2002	Abandoned

I hereby claim the benefit under 35 U.S.C. 120/365 of all United States and PCT international applications listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information material to patentability in accordance with 37 CFR 1.56(a) and (b) which occurred between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Status: patented, pending, abandoned</u>
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor's Signature



Date 12/3/03

Inventor's Name: Ming-De Deng

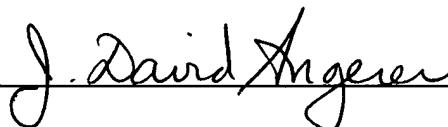
Citizenship: Canada

Residence: 1108 Westwood Lane

Manitowoc, Wisconsin 54220

Post Office Address: Same as Residence

(2) Inventor's Signature



Date 11/21/03

Inventor's Name: J. David Angerer

Citizenship: U.S.

Residence: 11 Slashpine Circle

Hockessin, Delaware 19707

Post Office Address: Same as Residence

(3) Inventor's Signature



Date 11/21/03

Inventor's Name: Don Cyron

Citizenship: U.S.

Residence: 1145 Thunderhill Road

Lincoln University, Pennsylvania 19352

Post Office Address: Same as Residence

(4) Inventor's Signature



Date 12/4/03

Inventor's Name: Alan D. Grund

Citizenship: U.S.

Residence: 3213 Lindbergh Drive

Manitowoc, Wisconsin 54220

Post Office Address: Same as Residence

(5) Inventor's Signature



Date 12/1/03

Inventor's Name: Thomas A. Jerrell, Jr.
Citizenship: U.S.
Residence: 2111 Stoney Brook Court
Manitowoc, Wisconsin 54220
Post Office Address: Same as Residence

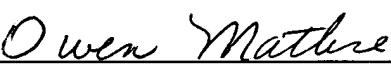
(6) Inventor's Signature



Date 12/3/03

Inventor's Name: Candice Leanna
Citizenship: U.S.
Residence: 1065 Lime Kiln Road
Green Bay, Wisconsin 54302
Post Office Address: Same as Residence

(7) Inventor's Signature



Date 11/21/03

Inventor's Name: Owen Mathre
Citizenship: U.S.
Residence: 119 Westgate Drive
Wilmington, Delaware 19808
Post Office Address: Same as Residence

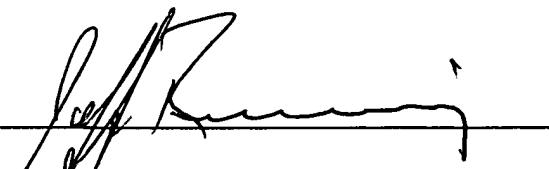
(8) Inventor's Signature



Date 12/3/03

Inventor's Name: Reinhardt Rosson
Citizenship: U.S.
Residence: 1029 N. 15th Street
Manitowoc, Wisconsin 54220
Post Office Address: Same as Residence

(9) Inventor's Signature



Date 12/3/03

Inventor's Name:

Jeff Running

Citizenship:

U.S.

Residence:

612 St. Clair Street

Manitowoc, Wisconsin 54220

Post Office Address:

Same as Residence

(10) Inventor's Signature



Date 12/13/03

Inventor's Name:

Dave Severson

Citizenship:

U.S.

Residence:

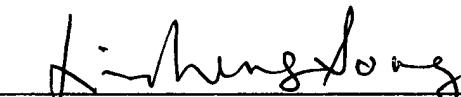
1816 26th Street

Two Rivers, Wisconsin 54241

Post Office Address:

Same as Residence

(11) Inventor's Signature



Date 12/13/2003

Inventor's Name:

Linsheng Song

Citizenship:

China

Residence:

2409 Risch Lane

Manitowoc, Wisconsin 54220

Post Office Address:

Same as Residence

(12) Inventor's Signature



Date 12/13/03

Inventor's Name:

Sarah Wassink

Citizenship:

U.S.

Residence:

1728 N. Second Street

Sheboygan, Wisconsin 53081

Post Office Address:

Same as Residence

37 CFR §1.56(a) and (b)
DUTY TO DISCLOSE INFORMATION MATERIAL
TO PATENTABILITY

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of a patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.*

*Note, 37 CFR §1.97(h) states: "The filing of an information disclosure statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b)."

POWER OF ATTORNEY

On behalf of Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division, a Delaware corporation having a principal place of business at Concord Plaza – Quillen Building, 3521 Silverside Rd., Wilmington, Delaware 19810 being the assignee and owner of all right, title and interest in the invention entitled "PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE AND N-ACETYL GLUCOSAMINE", for which application for Letters Patent of the United States has been made by Ming-De Deng, J. David Angerer, Don Cyron, Alan D. Grund, Thomas A. Jerrell, Jr., Candice Leanna, Owen Mathre, Reinhardt Rosson, Jeff Running, Dave Severson, Linsheng Song, and Sarah Wassink, said application having been filed on July 1, 2003, receiving Serial No. 10/612,779, and further identified as Attorney File No. 3161-18-2, I hereby appoint David F. Zinger, Registration No. 29,127; Craig C. Groseth, Registration No. 31,713; Sabrina C. Stavish, Registration No. 33,374; Todd P. Blakely, Registration No. 31,328; Lewis D. Hansen, Registration No. 35,536; Joseph E. Kovarik, Registration No. 33,005; Gary J. Connell, Registration No. 32,020; Douglas W. Swartz, Registration No. 37,739; Bruce A. Kugler, Registration No. 38,942; Robert R. Brunelli, Registration No. 39,617; Brent P. Johnson, Registration No. 38,031; Dana Hartje Cardwell, Registration No. 40,638; Angela Dallas Sebor, Registration No. 42,460; Benjamin B. Lieb, Registration No. 42,801; Bradley M. Knepper, Registration No. 44,189; Miriam Drickman Trudell, Registration No. 42,499; Dennis J. Dupray, Registration No. 46,299; Kenneth C. Winterton, Registration No. 48,040; Robert D. Traver, Registration No. 47,999; Mark L. Yaskanin, Registration No. 45,246; Scott R. Bialecki, Registration No. 51,470; Christopher J. Hussin, Registration No. 51,829; Craig W. Mueller, Registration No. 52,055 and Mary B. Smith, Registration No. 43,512, of SHERIDAN ROSS P.C., 1560 Broadway, Suite 1200, Denver, Colorado 80202-5141, telephone number (303) 863-9700, as attorneys and agents for Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division with full powers of substitution, association and revocation to prosecute the application and related U.S. and foreign applications and to transact all business in the United States Patent and Trademark Office and all foreign and international patent offices connected therewith.

Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from the inventor(s) of the patent application identified above, a copy of which is attached. The undersigned has reviewed the assignment of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: December 4, 2003

By: Thomas A. Jerrell
Name: Thomas A. Jerrell
Title: President

ASSIGNMENT

WHEREAS, we, Ming-De Deng of 1108 Westwood Lane, Manitowoc, Wisconsin 54220, J. David Angerer of 11 Slashpine Circle, Hockessin, Delaware 19707, Don Cyron of 1145 Thunderhill Road, Lincoln University, Pennsylvania 19352, Alan D. Grund of 3213 Lindbergh Drive, Manitowoc, Wisconsin 54220, Thomas A. Jerrell, Jr. of 2111 Stoney Brook Court, Manitowoc, Wisconsin 54220, Candice Leanna of 1065 Lime Kiln Road, Green Bay, Wisconsin 54302, Owen Mathre of 119 Westgate Drive, Wilmington, Delaware 19808, Reinhardt Rosson of 1029 N. 15th Street, Manitowoc, Wisconsin 54220, Jeff Running of 612 St. Clair Street, Manitowoc, Wisconsin 54220, Dave Severson of 1816 26th Street, Two Rivers, Wisconsin 54241, Linsheng Song of 2409 Risch Lane, Manitowoc, Wisconsin 54220, and Sarah Wassink of 1728 N. Second Street, Sheboygan, Wisconsin 53081, have invented a certain new and useful invention entitled "PROCESS AND MATERIALS FOR PRODUCTION OF GLUCOSAMINE AND N-ACETYL GLUCOSAMINE", for which an application for Letters Patent of the United States were prepared and filed on July 1, 2003, receiving Serial No. 10/612,779, and further identified as Attorney File No. 3161-18-2;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division, a Delaware corporation having a place of business at Concord Plaza – Quillen Building, 3521 Silverside Rd., Wilmington, Delaware 19810, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Arkion Life Sciences LLC d/b/a Bio-Technical Resources Division, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 12/3/03

By: M. Deng
Ming-De Deng

Date: 11/21/03

By: J. David Angerer
J. David Angerer

Date: 11/21/03

By: Don Cyron
Don Cyron

Date: 12/4/03

By: Alan D. Grund
Alan D. Grund

Date: 12/3/03

By: Thomas A. Jerrell, Jr.
Thomas A. Jerrell, Jr.

Date: 12/3/03

By: Candice Leanna
Candice Leanna

Date: 11/21/03

By: Owen Mathre
Owen Mathre

Date: 12/3/03

By: Reinhardt Rosson
Reinhardt Rosson

Date: 12/3/03

By: Jeff Running
Jeff Running

Date: 12/3/03

By: Dave Severson
Dave Severson

Date: 12/3/2003

By: Linsheng Song
Linsheng Song

Date: 12/3/03

By: Sarah Wassink
Sarah Wassink

STATE OF Delaware)
COUNTY OF Maintowee) ss.

Before me, a Notary Public in and for said County and State, personally appeared Ming-De Deng, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of December, 2003.

Melody L. Riddell
Notary Public
My commission expires: 5-30-2004

STATE OF)
COUNTY OF) ss.

Before me, a Notary Public in and for said County and State, personally appeared J. David Angerer, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21st day of November, 2003.

Melody L. Riddell
Notary Public
My commission expires: MELODY L. RIDDELL
Notary Public
State of Delaware
My Commission expires on May 22, 2004

STATE OF)
COUNTY OF) ss.

Before me, a Notary Public in and for said County and State, personally appeared Don Cyron, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21st day of November, 2003.

Melody L. Riddell
Notary Public
My commission expires: MELODY L. RIDDELL
Notary Public
State of Delaware
My Commission expires on May 22, 2004

STATE OF WISCONSIN)
COUNTY OF MANITOWOC)
ss.

Before me, a Notary Public in and for said County and State, personally appeared Alan D. Grund, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 4 day of December, 2003.

Barbara Bonin
Notary Public
My commission expires: 7-2-04

STATE OF Wisconsin)
) ss,
COUNTY OF Marinette)

Before me, a Notary Public in and for said County and State, personally appeared Thomas A. Jerrell, Jr., known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of (December), 2003.

Mary A. Jindra
Notary Public
My commission expires: 5-31-2024

STATE OF Wisconsin)
) SS.
COUNTY OF Manitowoc)

Before me, a Notary Public in and for said County and State, personally appeared Candice Leanna, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3 RD day of September, 2003.

Mary A. Jindra
Notary Public
My commission expires: 5-30-2024

Before me, a Notary Public in and for said County and State, personally appeared Owen Mathre, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 21st day of November, 2003.

STATE OF Wisconsin)
COUNTY OF Monroe)
) SS.

Melody L. Riddell
Notary Public
My commission EXPIRES: **MELODY L. RIDDELL**
Notary Public
State of Delaware
My Commission expires on May 22, 2004

Before me, a Notary Public in and for said County and State, personally appeared Reinhardt Rosson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3 RD day of (September) , 2003.

STATE OF Wisconsin)
COUNTY OF Marquette)

mary a. jindra
Notary Public
My commission expires: 5-30-2014

Before me, a Notary Public in and for said County and State, personally appeared Jeff Running, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of (September) , 2003.

Mary A. Jimenez
Notary Public
My commission expires: 5-31-2024

STATE OF Wisconsin)
) ss.
COUNTY OF Marinette)

Before me, a Notary Public in and for said County and State, personally appeared Dave Severson, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of December, 2003.

Mary A. Jindra
Notary Public
My commission expires: 5-31-2004

STATE OF Wisconsin)
) ss.
COUNTY OF Marinette)

Before me, a Notary Public in and for said County and State, personally appeared Linsheng Song, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of December, 2003.

Mary A. Jindra
Notary Public
My commission expires: 5-31-2004

STATE OF Wisconsin)
) ss.
COUNTY OF Marinette)

Before me, a Notary Public in and for said County and State, personally appeared Sarah Wassink, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that she executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 3RD day of December, 2003.

Mary A. Jindra
Notary Public
My commission expires: 5-31-2004